SEBASTIEN TEISSIER

Ph D – Biotechnology Project Manager and CEO of Réalité Design



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ABOUT ME

Born 6 Jan 1978
Married, 2 children
French
Singapore Permanent Resident

RESEARCH SCIENTIST / MANAGER IN BUSINESS DEVELOPMENT

Biochemist, virologist, and molecular biologist by training.

Broad professional experience in different biomedical fields, including technology development, patenting, management of collaborative academic/industrial projects (some involving volunteers), bio-banking, GLP environment and ethics (IRB applications and management).

SENIOR PRODUCER IN GRAPHIC DESIGN, PHOTOGRAPHY AND CINEMATOGRAPHY

In charge of the artistic creation of designs for governmental agencies and private companies: logos, advertisements, conference booklets and website designs.

Creative director of Réalité Design (graphic design and video production company) since 2015. Direction / production of different type of media for private companies and artists (music clip videos, advertisements, commercials, and corporate videos).

LANGUAGES

French 98%

English 85%

EDUCATION

2002 - 2006

PhD Biochemistry & Molecular Biology

Paris VII University & Pasteur Institute, France.

"Importance of the E2F pathway in the transcriptional regulation of Human Papillomavirus 18 and in the transcriptome of associated cancers."

2001 - 2002

Master of Science, Fundamental Bases of Oncogenesis

Paris VII and Paris IX Universities, Magistère of Biotechnology, Paris, France.

WORK & EXPERIENCE IN SCIENCE

2020 - 2021

Project Manager - Business Development

Skin Research Institute (SRIS) - A*STAR | Singapore

In charge of the special projects of SRIS involving communication with academic, clinicians, and industrial partners.

- Production of communication materials (websites, brochures, video animations…)
- Organization / handling of workshops and brainstorm sessions to define SRIS projects.
- Market study on areas of interest for investors in the skin research field.

2017 - 2020

Manager in the Asian Skin Biobank (ASB)

Skin Research Institute (SRIS) - A*STAR | Singapore

- Management of ASB collaboration with clinicians (Dr. Bien Keem Tan and Dr. Alvin Chua, Singapore General Hospital), nurses, research officers and ethic committee members, to get clinical samples for industry-sponsored projects and academic research.
- Successfully led major amendments of IRBs (Institutional Reviewing Board) necessary to allow the use of primary skin cells for collaborative projects (academic and industrial).

2013 - 2017

Project Manager - Business Development

Institute of Medical Biology (IMB) - A*STAR | Singapore

- Coordinator of a study involving volunteers: effects of a commercial consumer product on human skin microbiome (2017).
- Principal Investigator of a clinical study on skin pigmentation (L'Oréal-sponsored study, 2014).

2006 - 2012

Research Fellow/Senior research Fellow

Institute of Medical Biology (IMB) - A*STAR | Singapore

- Research on cervical cancer and Papillomavirus.
- Real-Time PCR, microarrays, microscopy and image treatments, flow cytometry, cell culture (skin primary cells and transformed cell lines), radioactivity labelling, development of new technologies.
- Management of 2 PhD students (Youcef Ben Khalifa 2005-2009 and Chai Ling Pang 2005-2012) and 3 short term students.
- T-Up at Curiox Ptd Ltd to promote cell culture in droplet systems and sell it to clients
- Settled the laboratory in Singapore after moving from France. Coordinated the moving of IMB from Proteos building to Immunos Building in 2007.
- HSA officer of the laboratory for 5 years.

2002 - 2006

PhD Student: Papillomavirus and Cancer

Pasteur Institute | Paris – France

"Importance of the E2F pathway in the transcriptional regulation of Human Papillomavirus 18 and in the transcriptome of associated cancers."

- Development of new technologies such as RT-qPCR, Live cell imaging, confocal and 3D reconstruction, chromatin immunoprecipitation.

WORK & EXPERIENCE IN PRODUCTION (SELECTION)

2015 - 2021

Member of the organizing committee for the Singapore International Conference on Skin Research (registration, promotion, website design).

Skin Research Institute (SRIS) - A*STAR | Singapore

In charge of the production of communication materials (design of the events, web design, management of registrations, organization of the abstracts, poster presentations, design of booklets…).

2019 - 2021

Commercial producer

- Canon Singapore – "Smart Workspace Solution"(2021)
  Production of 6 commercials for Canon Singapore to promote their new face recognition technology (script writing, storyboard writing, talent recruitment, actor direction, videographer, montage, advanced FX editing)
  https://youtu.be/lNNciEhDDzM
  (feel free to ask for more videos if required)
- Epson Singapore – EcoTank Printers (2019)
  Production of 6 commercials for Epson Singapore to promote their new printer system called EcoTank (videographer, montage, FX editing)
  https://youtu.be/y8plvdFvSg8
  (Feel free to ask for more videos if required)
- Valrhona Singapore / Tokyo (2018-2021)
  Production of 2 documentaries about the Valrhona Asia Tour and a series of short videos to promote Valrhona Chefs recipes.
  https://youtu.be/eS03pMa762g
  (Feel free to ask for more videos if required)

2013 - 2017

Music clip producer

- Facing wave by Wavebomb (2020)
  Production of a music video clip (script writing, storyboard writing, actor direction, videographer, montage, advanced FX editing)
  https://youtu.be/cG-q1Hswswk
- California Gun by Wavebomb (2021)
  Production of a music video clip (script writing, storyboard writing, actor direction, videographer, montage, advanced FX editing)
  https://youtu.be/yEAHtEa4HeY
- Coeur Vagabond by La Voix Basse Ft Vincent Cateigne
  Production of a music clip video (script writing, storyboard writing, actor direction, videographer, montage, advanced FX editing)
  https://youtu.be/y8plvdFvSg8

2015 - 2021

Professional Photography

- Kinky Boots (Broadway Musical) for Base Entertainment, Marina Bay Sands
  Photography campaign with shooting of several celebrities in Singapore
- Mama Mia (Broadway Musical) for Base Entertainment, Marina Bay Sands
  Shooting of the show premiere for press release.
- Matilda (Broadway Musical) for Base Entertainment, Marina Bay Sands
  Shooting of the show premiere behind the scene for press release.
- 100th Anniversary of MIDO
  Official photographer of the VIP event + private photoshoot with Romee Stridj, the international top model (Victoria's Secret angel).
- Formula1 Grand Prix Singapore 2019
  Official photographer of the medical emergency units.

PUBLICATIONS

Teissier S., Tan CL, Gunaratne J, Quek LS, Bellanger S.
Stranglehold on the spindle assembly checkpoint: the human papillomavirus E2 protein provokes BUBR1-dependent aneuploidy.
Cell Cycle. 2015 May 3;14(9):1459-70.

Sunthamala N, Thierry F, **Teissier S**, Pientong C, Kongyingyoes B, Tangsiriwatthana T, Sangkomkamhang U, Ekalaksananan T.
E2 Proteins of High Risk Human Papillomaviruses Down-Modulate STING and IFN-κ Transcription in Keratinocytes.
PLoS One. 2014 Mar 10;9(3):e91473.

Pang CL, Toh SY, He P, **Teissier S**, Ben Khalifa Y, Xue Y, Thierry F.
A functional interaction of E7 with B-Myb-MuvB complex promotes acute cooperative transcriptional activation of both S- and M-phase genes.
Oncogene. 2013 Oct 21.

Elizabeth Pohler, Ons Mamai, Jennifer Hirst, Mozheh Zamiri, Helen Horn, Toshifumi Nomura, [...] **Sebastien Teissier**, Lobna Boussofara, [...] Munro, Bruno Reversade, Margaret S. Robinson and W. H. Irwin McLean
Haploinsufficiency for alpha- and gamma-adaptin binding protein (AAGAB) p34 causes clinically heterogeneous forms of punctate palmoplantar keratoderma
Nat Genet. 2012 Nov;44(11):1272-6.

Ben Khalifa Y, **Teissier S**, Tan MK, Phan QT, Daynac M, Wong WQ, Thierry F.
The human papillomavirus E6 oncogene represses a cell adhesion pathway and disrupts focal adhesion through degradation of TAp63β upon transformation.
PLoS Pathog. 2011 Sep;7(9):e1002256.

Bellanger S, Tan CL, Xue YZ, **Teissier S**, Thierry F.
Tumor suppressor or oncogene? A critical role of the human papillomavirus (HPV) E2 protein in cervical cancer progression.
Am J Cancer Res. 2011;1(3):373-389.

Chow KY, Brotin É, Ben Khalifa Y, Carthagena L, **Teissier S**, Danckaert A, Galzi JL, Arenzana-Seisdedos F, Thierry F, Bachelerie F.
A pivotal role for CXCL12 signaling in HPV-mediated transformation of keratinocytes: clues to understanding HPV-pathogenesis in WHIM syndrome.
Cell Host Microbe. 2010 Dec 16;8(6):523-33.

Teissier S, Pang CL, Thierry F.
The E2F5 repressor is an activator of E6/E7 transcription and of the S-phase entry in HPV18-associated cells.
Oncogene. 2010 Sep 9;29(36):5061-70. Epub 2010 Jul 19.

Teissier S, Ben Khalifa Y, Mori M, Pautier P, Desaintes C, Thierry F.
A new E6/P63 pathway, together with a strong E7/E2F mitotic pathway, modulates the transcriptome in cervical cancer cells.
J Virol. 2007 Sep;81(17):9368-76. Epub 2007 Jun 20.

Herrick J, Conti C, **Teissier S**, Thierry F, Couturier J, Sastre-Garau X, Favre M, Orth G, Bensimon A.
Genomic organization of amplified MYC genes suggests distinct mechanisms of amplification in tumorigenesis.
Cancer Res. 2005 Feb 15;65(4):1174-9.

Thierry F, Benotmane MA, Demeret C, Mori M, **Teissier S**, Desaintes C.
A genomic approach reveals a novel mitotic pathway in papillomavirus carcinogenesis.
Cancer Res. 2004 Feb 1;64(3):895-903.

Bouallaga I, **Teissier S**, Yaniv M, Thierry F.
HMG-I(Y) and the CBP/p300 coactivator are essential for human papillomavirus type 18 enhanceosome transcriptional activity.
Mol Cell Biol. 2003 Apr;23(7):2329-40.

OTHER

Novelist

Author of “X”, thriller published in January 2014 by “Nouveau Monde Éditions”, distributed by Gallimard, winner of the award “Prix des Bibliothèques et des Médiathèques de Grand Cognac 2014”. The novel was on the Top-5 of the best sales on Amazon for five weeks.

Permanent member of the Scientific Committee at the French Embassy

External virologist consultant at the French Embassy to discuss about the Covid-19 situation and give advice to the Ambassador of France.

Debra Singapore

Member of the executive committee (Vice-president, Treasurer and Secretary) and board member of Debra Singapore (a society that helps families affected by Epidermolysis Bullosa condition).

Creation of the communication materials for events for free: brochures, postcards, T-shirts, website, advertisement.

Organization of fund raisers to collect money for the society.